

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kallioniemi et al.

Art Unit: 1634

Application No. 09/622,635

Filed: October 12, 2000

For: CELLULAR ARRAYS FOR RAPID  
MOLECULAR PROFILING


Examiner: Arun K. Chakrabarti

Date: April 11, 2003

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**MATCH & RETURN**

**AMENDMENT UNDER 37 C.F.R. § 1.312**

Prior to issuance of a patent based on the above-identified application, please enter the claim amendment set forth below.

In the claims:

52  
53. (Twice amended) A method of analyzing cellular specimens in a matrix, with the specimens positioned at predetermined known positions, such that when multiple copies of the matrix are provided, a two dimensional array of specimens is presented on each copy, with each specimen at a predetermined position in the matrix, and wherein each matrix has a third dimension so that when sequential copies of the matrix are provided, the specimens maintain a predetermined relationship in the array, the method comprising exposing sequential copies of the matrix to an agent which interacts with the specimens of the array, to identify those specimens which share a common biological property.